Digital indicator 3011

Operating Manual 3011

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Electronic nameplate type 3011

By pressing the keys [⊙↵] and [→T←↑], the electronic nameplate is indicated.
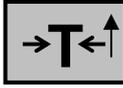
- With the arrow keys ([→T←↑] [F↓]), the electronic nameplate as well as the serial number and calibration counter of the measuring point can be indicated on the display.

The indication of the electronic nameplate is terminated by pressing the key [→0←] .

For a one-range scale, the parameters of the other range are not applicable.

Indication Stepps	Parameters	Display
1.	Calibration counter	E 2
2.	Type	T 2880
3.	Year	Y 07
4.	Serial number	1234
5.	Ident- Chip	Id 1
6.	Max of range 1	ˉ 10,00kg
7.	Min of range 1	_ 0,20kg
8.	**e** of range 1	E 0,01kg
9.	Max of range 2	ˉ 20,00kg additionally sign for range 2
10.	Min of range 2	_ 0,40kg additionally sign for range 2
11.	**e** of range 2	E 0,02kg additionally sign for range 2

For non-approvable scales, "d" instead of "E" is indicated.

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SWITCH On/Off Type 3011

- Switch the indicator on/off via the **ON/OFF key**.

- While switching on, the scale is zeroed. If the scale is switched on outside the zero range at power-on, the scale indicates an error message:

  _0_ = Measuring value below zero limit

  ¯0¯ = Measuring value above zero limit

  The application is switched off to avoid the cause for under/overload before the next switch on. The zero range at power-on can be skipped by pressing the zero key during the switch on routine. The last saved zero point is accepted.
  The active measuring point is indicated as flag on the display. Switchover to another measuring point is realised by pressing the Info and Print key on the keyboard.

- **Zero range limits at power-on**:
  Approvable: Zero range at power-on 20% of maximum, default –5% to +15% of maximum
  Non-approvable: Zero range at power-on –99% to +99% of maximum

- Behaviour at **power failure**: the scale returns in the last saved state.

- At power-on (warm or cold starting), the **last used program** is activated.

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Zeroing Type 3011

- **Zeroing** via the zero key.   →0←

- Zeroing **approvable**: -1 to +3% according to Approval Directive.
- Zero range **non-approvable**: Same range as set zero range limits at power-on.

- The **display** indicates after keypress

    - at <-1%   message Err 5

    - at > 3%   message Err 5

- **Zero tracking**: in the setting mode, the zero tracking can be switched on or off (on = 0,5 d/sec at standstill).

Tara functions Type 3011

- The following **tare function** is available as standard fort he indicator 3011 to save weighing data in the tare memory:

  1. Manual tare

- **Keypad management:**
  - Manual tare: Via the key "Tara" →T← on the membrane keyboard.
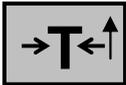
- **Manual tare**: by pressing the tare key. The tare value is saved, the weight indication is at zero, switchover from gross to net is realised => "net" in display via a red LED. If the scale is discharged, the tare weight shows a negative sign. Pressing the tare key again overwrites the existing value, which means that a newly placed tare weight on the scale is saved or the discharged scale with a negative tare weight on the display is zeroed.

- **Delete tare memory**:

  - Pres the **zero key.**

X10 DISPLAY Type 3011

- The tenfold higher resolution on the display is activated by pressing the keys **"PRINT"** and **"-0-"**.

- If the scale is calibrated approvable, the tenfold higher resolution is indicated after a keypress for 5 seconds or as long as the keys are hold.

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FOR MEASURABLE SUCCESS

PRINT Type 3011

- An optional interface RS232 must be assembled in the digital indicator 3011 for the function „Print".

- The stored print template is send via the interface by pressing the print key.

    Print template design and print conditions are realised via the service program.

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